ENUM

EXHIBIT 3

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WHAT IS ENUM?

Electronic Numbering (ENUM), as defined in RFC 3761, is a relatively simple protocol involving two core concepts:

- the process of creating a domain name from a TN and resolving it to an Internet address (a uniform resource identifier, or URI) using DNS technology
- the hosting of ENUM domain names in the *e164.arpa* domain

For example, the telephone number +1 (202) 555-1212 will be converted into the ENUM domain name **2.1.2.1.5.5.5.2.0.2.1.e164.arpa**. A DNS query to that domain name will ultimately resolve to one or more DNS records (NAPTR records), which will provide a URI. The domain name 2.1.2.1.5.5.5.2.0.2.1.e164.arpa may resolve to the SIP URI sip:12025551212@voipcarrier.net. The SIP proxy service will then use the URI to establish a session between the originating SIP user and the terminating SIP user.

Telephone country codes are delegated from the domain *e164.arpa*. Country Code 1 (the country code for the United States, Canada and 17

ABOUT ENUM

What is ENUM?

Types of ENUM

Abridged ENUM History

ENUM Documentation

IETF 3761

ENUM Acronym Directory

ENUM Glossary (Abridged)

Caribbean countries) is designated by the domain **1.e164.arpa**. Because the use of telephone numbers is regulated both globally and within each country, the process of creating and delegating these domains requires the involvement and approval of regulatory bodies.

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